

Exchange interaction

Exchange interaction

See also related:

Antiferromagnetic exchange
Exchange-correlation potential
Ferromagnetic exchange
Pauli exclusion principle
Spin exchange

Exchange potential

See Exchange interaction

Exchange reaction

See also related:

Exchange reaction catalysts
Exchange reaction kinetics
Ion exchange

Exchange reaction catalysts

See also related: Exchange reaction

Exchange reaction kinetics

See also related: Exchange reaction

Excimer

See also related:

Excimer fluorescence
Excimer lasers
Molecules
Photochemistry

Excimer fluorescence

See also related: Excimer

Excimer lasers

See also related:

Excimer
Gas lasers
Laser spectrometers
Laser spectroscopy

Exciplex

See also narrower: Excimer

See also related:

Charge transfer complexes
Electron acceptors
Electron donors
Excited electronic state
Molecular association
Photochemistry

Exciplexes

See Exciplex

Excisalanin A

See Kaur-16-en-15-one, 1,7,12,14-tetrahydroxy-, (1a,7a,12a,14R)- [78536-37-5]

Excisalanin B

See Kaur-16-en-15-one, 12-(acetyloxy)-1,7,14-trihydroxy-, (1a,7a,12a,14R)- [78536-36-4]

Excisalanin C

See Kaur-16-en-15-one, 7,14,18-trihydroxy-, (4b,7a,14R)- [139906-83-5]

Excisalanin D

See Kaur-16-en-15-one, 18-(acetyloxy)-1,7,14-trihydroxy-, (1a,4b,7a,14R)- [194026-50-1]

Excisalanin E

See Kaur-16-en-15-one, 18-(acetyloxy)-1,7,14,20-tetrahydroxy-, (1a,4b,7a,14R)- [17420-51-2]

Excisalanin F

See Kaur-16-en-18-ol, 1,7,14,20-tetrahydroxy-15-oxo-, (1a,4b,7a,14R)- [196706-24-8]

Excisalanin G

See Kauran-15-one, 1,7,14,17,20-pentahydroxy-, (1a,7a,14R)- [196706-25-9]

Excisionase

See Enzymes, DNA-excising

Excision repair (DNA)

See DNA repair, excision

Excitations

See Quasiparticles and Excitations

Excitatory amino acid receptors

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See Amino acid receptors, excitatory

Excitatory amino acids

Valid heading during volumes 129-130 (July 1998-June 1999) only

See Amino acids, excitatory

Excitatory neurotransmission

Valid heading during volumes 126-130 (1997-June 1999) only

See Neurotransmission, excitatory

Excited dimers

See Exciplex

Excited electronic state

See also narrower:

Autoionizing state
Excited singlet state
Excited triplet state
Rydberg state

See also related:

Exciplex
Exciton
Plasmon
Singlet state
Triplet state

Excited rotational state

See also related: Rotational excitation

Excited singlet state

See also related: Excited triplet state

Excited state

See also narrower:

Excited electronic state
Excited rotational state
Excited vibrational state

See also related:

Crystal-field energy level
Energy level excitation
Excited state absorption
Penning ionization
Quantum beats
Resonance state
Triplet state

Excited state absorption

See also related: Excited state

Excited triplet state

See also related:

Excited singlet state
Triplet ground state

Excited vibrational state

See also related: Vibrational excitation

Exciton

See also narrower:

Bielectron
Bound exciton
Self-trapped exciton
See also related:
Electron-hole pairs
Electron-hole recombination
Electronic energy transfer
Excited electronic state
Excitonic polariton
Exciton luminescence
Hole (electron)
Magnetic polaron
Plasmon

Excitonic polariton

See also related: Exciton

Exciton luminescence

See also related: Exciton

Excitotoxins

Valid heading during volumes 126-130 (1997-June 1999) only

See Toxins, excitotoxins

Excluded volume

See also related:

Packing (particle)
Polymerization

Exclusion principle

See Pauli exclusion principle

Excoecaria factor A₁

See 6H-2,8b-Epoxyoxirene(6,7)azulene(5,4-e)-1,3-benzodioxol-6-one, 3a,3b,3c,4a,5,5a,8a,9,10,10a-decahydro-5,5a-dihydroxy-4a-(hydroxymethyl)-7,9-dimethyl-10a-(1-methylethenyl)-2-(1E,3E,5E)-1,3,5-pentadecatrienyl-, (2S,3aR,3bS,3cS,4aR,5S,5aS,8aR,8bR,9R,10aR)- [57672-63-6]

Excoecaria factor A₂

See 6H-2,8b-Epoxyoxirene(6,7)azulene(5,4-e)-1,3-benzodioxol-6-one, 3a,3b,3c,4a,5,5a,8a,9,10,10a-decahydro-5,5a-dihydroxy-4a-(hydroxymethyl)-7,9-dimethyl-10a-(1-methylethenyl)-2-(1,3,5,7-pentadecatetraenyl)-, (2S,3aR,3bS,3cS,4aR,5S,5aS,8aR,8bR,9R,10aR)- [101409-52-3]

Excoecaria factor B_a

See 3,5-Tetradeccadienoic acid, (1aR,1bS,4aS,7aR,7bR,8R,9aS)-1,1a,1b,4,4a,5,7a,7b,8,9-decahydro-7b-hydroxy-3-(hydroxymethyl)-1,1,6,8-tetramethyl-5-oxo-9aH-cyclopropal(3,4)benz(1,2-e)azulen-9a-yl ester, (3E,5E)- [173524-48-6]

Excoecaria factor O₁

See 6H-2,8b-Epoxyoxirene(6,7)azulene(5,4-e)-1,3-benzodioxol-6-one, 3a,3b,3c,4a,5,5a,8a,9,10,10a-decahydro-5,5a-dihydroxy-4a-(hydroxymethyl)-7,9-dimethyl-10a-(1-methylethenyl)-2-(1,3,5-nonatrienyl)-, (2S,3aR,3bS,3cS,4aR,5S,5aS,8aR,8bR,9R,10aR)- [99305-57-4]

Excoecaria factor O₂

See 6H-2,8b-Epoxyoxirene(6,7)azulene(5,4-e)-1,3-benzodioxol-6-one, 2-(1,3-heptadienyl)-3a,3b,3c,4a,5,5a,8a,9,10,10a-decahydro-5,5a-dihydroxy-4a-(hydroxymethyl)-7,9-dimethyl-10a-(1-methylethenyl)-, (2S,3aR,3bS,3cS,4aR,5S,5aS,8aR,8bR,9R,10aR)- [101391-09-7]

Excoecaria factor O₃

See 6H-2,8b-Epoxyoxirene(6,7)azulene(5,4-e)-1,3-benzodioxol-6-one, 3a,3b,3c,4a,5,5a,8a,9,10,10a-decahydro-5,5a-dihydroxy-4a-(hydroxymethyl)-7,9-dimethyl-10a-(1-methylethenyl)-2-(1E,3E)-1,3,5,7-pentadecatetraenyl-, (2S,3aR,3bS,3cS,4aR,5S,5aS,8aR,8bR,9R,10aR)- [161511-79-1]

Excoecarianin (a form)

See β-D-Glucopyranose, cyclic 3-2'-6'-2'-(1R)-4-(6-carboxy-2,3,4-trihydroxyphenyl)-4',5',6',6'-pentahydroxy[1,1'-biphenyl]-2,2'-dicarboxylate] cyclic 2-9-4-1-[(4aR,9bR)-3,4,4a,9b-tetrahydro-4,4a,6,7-pentahydroxy-3-oxo-1,9-dibenzofurandicarboxylate] 1-(3,4,5-trihydroxybenzoate), 2-ester with β-D-glucopyranose cyclic 3,6-(1R)-4,4',5',5',6',6'-hexahydroxy[1,1'-biphenyl]-2,2'-dicarboxylate] 1,4-bis(3,4,5-trihydroxybenzoate) [131402-60-3]

Excoecarianin (b form)

See β-D-Glucopyranose, cyclic 3-2'-6'-2'-(1R)-4-(6-carboxy-2,3,4-trihydroxyphenyl)-4',5',6',6'-pentahydroxy[1,1'-biphenyl]-2,2'-dicarboxylate] cyclic 2-7-4-5-[(2R,6R)-3,6-dihydro-2,9,10,11,11-pentahydroxy-3-oxo-2,6-methano-2H-1-benzoxocin-5,7-dicarboxylate] 1-(3,4,5-trihydroxybenzoate), 2-ester with β-D-glucopyranose cyclic 3,6-(1R)-4,4',5',5',6',6'-hexahydroxy[1,1'-biphenyl]-2,2'-dicarboxylate] 1,4-bis(3,4,5-trihydroxybenzoate) [131402-59-0]

Excoecariotoxin

See 6H-2,8b-Epoxyoxirene(6,7)azulene(5,4-e)-1,3-benzodioxol-6-one, 3a,3b,3c,4a,5,5a,8a,9,10,10a-decahydro-5,5a-dihydroxy-4a-(hydroxymethyl)-7,9-dimethyl-10a-(1-methylethenyl)-2-(1,3-nonadienyl)-, (2S,3aR,3bS,3cS,4aR,5S,5aS,8aR,8bR,9R,10aR)- [92219-48-2]

Excoecarin A

See 1H-Naphthal(2,1-b)pyran-8(4aH)-one, decahydro-3,4a,7,7,10a-pentamethyl-3-(2R)-oxiranyl-, (3R,4aS,6aS,10aR,10bS)- [183900-28-9]

Excoecarin B

See 1H-Naphthal(2,1-b)pyran-8(4aH)-one, decahydro-3,4a,7,7,10a-pentamethyl-3-(2S)-oxiranyl-, (3R,4aS,6aS,10aR,10bS)- [183900-29-0]

Excoecarin C

See 1H-Naphthal(2,1-b)pyran-8-ol, dodecahydro-3,4a,7,7,10a-pentamethyl-3-(2R)-oxiranyl-,

(3R,4aS,6aS,10aR,10bS)- [183957-04-2]

Excoecarin H

See 2H-1-Benzopyran-5-propanoic acid, 2-ethenylactahydro-6-(1-hydroxy-1-methylethyl)-2,5,8a-trimethyl-, (2R,4aS,5R,6S,8aS)- [207915-55-7]

Excoecarinin B

See D-Glucose, esters, cyclic 4,6-(1S)-4',5',5',6'-hexahydroxy[1,1'-biphenyl]-2,2'-dicarboxylate] 3-(3,4,5-trihydroxybenzoate), 2-4-ester with β-D-glucopyranose cyclic 3-2'-6'-2'-(1R)-4,5-bis(6-carboxy-2,3,4-trihydroxyphenyl)-4',5',6',6'-tetrahydroxy[1,1'-biphenyl]-2,2'-dicarboxylate] cyclic 2-5-4-4-[(1R,3R,3'aS,4R,4aR,6'S,6'aR,9aR)-1,3'a,4a,5'a,6',6'a,9a-octahydro-1,3'a,6',7,8,9a-hexahydroxy-2',11-dioxaspiro[1,4-ethano-3H-pyran-3,4-b]benzofuran-3,3'(2'H)-furo[3,2-b]furan]-4,5-dicarboxylate] 1-(3,4,5-trihydroxybenzoate) [131402-62-5]

Excrement

See Excretions

Excretin

See also Secretin [1393-25-5]

Excretion (process)

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See Biological transport, excretion

Excretions

See also narrower:

Feces
Urine

See also related:

Body fluid
Secretions (external)

Excretions (products)

Valid heading during volumes 126-130 (1997-June 1999) only

See Excretions

EX 282E

See Ethene, chloro-, polymers, homopolymer [9002-86-2]

Exemestane

See Androst-1,4-diene-3,17-dione, 6-methylene- [107868-30-4]

Exendin 3 (Heliobacter horridum) [130357-25-4]

H-L-His-L-Ser-L-Asp-Gly-L-Thr-L-Phe-L-Thr-
1 2 3 4 5 6 7

L-Ser-L-Asp-L-Leu-L-Ser-L-Lys-L-Glu(NH₂)-
8 9 10 11 12 13

L-Met-L-Glu-L-Glu-L-Glu-L-Ala-L-Val-L-Arg-
14 15 16 17 18 19 20

L-Leu-L-Phe-L-Ile-L-Glu-L-Trp-L-Leu-L-Lys-
21 22 23 24 25 26 27

L-Asp(NH₂)-Gly-Gly-L-Pro-L-Ser-L-Ser-Gly-
28 29 30 31 32 33 34

L-Ala-L-Pro-L-Pro-L-Pro-L-Ser-NH₂
35 36 37 38 39

Exepanol
See 1-Benzoxepin-5-ol, 2,3,4,5-tetrahydro-3-(methylamino)-, (3R,5S)-rel- [77416-65-0]

Exercise

See also narrower: Swimming

See also related:

Fatigue, biological
Immobilization
Muscle contraction

Energy

See also related:

Energy balance
Energy storage
Energy transfer
Transducers

Exfoliation

See also related:

Corrosion
Spalling

Exfoliazene

See Acetamide, N-[8-(hydroxymethyl)-3-oxo-3H-phenoxazin-2-yl]- [132627-73-7]

EX-FR 100

See Acetic acid ethenyl ester, polymers, polymer with ethene [24937-78-8]

EX 1020GO

See Poly(imino[1-oxo-1,6-hexanediyl]) [25038-54-4]

Exhalite

See Exhalites

Exhalites

See also related:

Hydrothermal vent fluids
Hydrothermal vents
Hydrothermal vent sediments
Manganese crusts (geological sediments)
Mineral incrustations
Ore genesis

Exhaust gas

See Exhaust gases (engine)

Exhaust gas catalytic converters

See also related: Exhaust gases (engine)

Exhaust gases

See Exhaust gases (engine)

Exhaust gases (combustion)

See

Combustion gases
Flue gases
Waste gases

Exhaust gases (engine)

Combustion gases from combustion engines are indexed here. Other exhaust gases are indexed at Air, Air conditioning, Combustion gases, Flue gases, and Waste gases

See also related: